

May 26-28, 2018

Jinan Nanjiao Hotel, Jinan, China



Address: No.2 Maanshan Road, Jinan City, Shandong Province, China

中国山东省济南市马鞍山路 2 号南郊宾馆

2018 International Workshop on Pattern Recognition

With the workshop

2018 International Conference on Machine Learning Technologies (ICMLT 2018)

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Instructions

Registration Guide:

Arrive at the Conference Venue→Inform the conference staff of your paper ID→Sign your name on the Participants List→Check your conference materials.

Checklist:

1 receipt, 1 name card, 1 printed conference abstract, 2 lunch coupons, 2 dinner coupons, 1 computer bag, 1 USB stick (soft copy of conference proceedings).

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation:

Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A

Notice:

*Certificate of Listener can be collected in the registration counter.

*Certificate of Presentation can be collected from the session chair after each session.

*The organizer will not provide accommodation, so we suggest you make an early reservation.

*One best presentation will be selected from each session. The best one will be announced when each session ends, and will be awarded by the session chair after each session in the meeting room.

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Welcome Message

Dear Participants,

Welcome to 2018 International Workshop on Pattern Recognition (IWPR 2018) together with the workshop 2018 International Conference on Machine Learning Technologies (ICMLT 2018)! The objective of these two conferences is to provide a premium platform to bring together researchers, scientists, engineers, academics and graduate students in the fields of pattern recognition and machine learning to share up-to-date research results. We are confident that during this time you will get the theoretical grounding, practical knowledge, and personal contacts that will help you build a long-term, profitable and sustainable communication among researchers and practitioners in the related scientific areas.

We wish to express our thanks to Prof. Xudong Jiang, Prof. Yuehui Chen, Prof. Junyu Dong, Prof. Xiaoyi Jiang, Prof. Min-Ling Zhang, Prof. Julian FIERREZ, Prof. Pedro Furtado, Prof. Kin Hong Wong, and Prof. Aythami Morales and other distinguished scholars for attending or sharing their deep insights on future challenges and trends in this related fields.

We would like to thank the committee members for their hard work in making sure a smooth running of this conference. Many thanks to the reviewers for their excellent job to maintain the academic quality and scholarship. Special thanks is expressed to the sponsor University of Jinan.

Hope you could enjoy the conference and have an unforgettable experience in Jinan!

Conference Organizing Committees

Agenda Overview

Saturday, May 26, 2018

10:00-17:00 **Participants check-in & Materials Collection—Lobby at the club building**
(俱乐部一楼大厅)

14:00-18:00 **Youth Forum of Ji nan University—Meeting room 1018 at the club building**
(俱乐部一楼 1018 会议室)

Registered participants of IWPR 2018 have free access to the forum. More information can be found at page 7.

Sunday, May 27, 2018

Venue: Small hall on the fourth floor at the club building (俱乐部四楼小礼堂)

MC: Yongquan Liang, Junyu Dong, Bing Han, Xinshun Xu

08:30-08:40 **Opening Remark-1**
Prof. Yuehui Chen, University of Jinan, China
(Vice president of University of Jinan)

08:40-08:50 **Opening Remark-2**
Prof. Xudong Jiang, Nanyang Technological University, Singapore

08:50-09:30 **Speaker I**
Prof. Junyu Dong, Ocean University of China, China
Speech Title: Texture Generation with Perceptual Feature Learning

09:30-10:10 **Speaker II**
Prof. Xiaoyi Jiang , University of Munster, Germany
Speech Title: Consensus Learning

10:10-10:30 **Coffee Break**

10:30-11:10 **Speaker III**
Prof. Min-Ling Zhang, Southeast University, China
Speech Title: Binary Relevance for Multi-label Learning

Speaker IV

11:10-11:50 **Prof. Julian FIERREZ, Universidad Autonoma de Madrid, Spain**
Speech Title: Recent Advances in Face and Body Biometrics

11:50-12:00 ***Group Photo***

12:00-13:30 ***Lunch at restaurant- 2F***

Parallel Sessions

13:30—16:15 **Session 1: Machine Learning and Data Engineering**
(Meeting room 1012-1F)
MT007, MT1004, MT1006, WR055, WR006, MT021, WR041, WR054, WR058, WR3006, WR075

13:30—16:15 **Session 2: Neural Network Theory and Application**
(Meeting room 1013-1F)
WR3008, MT001, MT003, MT004, MT005, MT009, MT024, MT1001, WR063, WR044, WR013

16:15—16:30 ***Coffee Break***

16:30—19:15 **Session 3: Image and Signal Processing**
(Meeting room 1012-1F)
WR062, WR3001, WR3009, WR3011, WR048, WR050, WR1001, WR042, WR043, WR064,
WR3010

16:30—18:30 **Session 4: Computer and Electrical Engineering**
(Meeting room 1013-1F)
WR031, WR061, MT008, WR003, WR011, WR045, WR3007, WR004

08:30—19:00 **Poster Session**

19:15—21:00 ***Dinner at Restaurant (2F)***

Monday, May 28, 2018

Venue: Small hall on the fourth floor at the club building (俱乐部四楼小礼堂)

MC: Jinping Li, Lin Wang

Speaker I

09:00-09:40 **Prof. Xudong Jiang, Nanyang Technological University, Singapore**

Speech Title: Data-driving Pattern Recognition: from Subspace Approach and Sparse Coding to Deep Learning

Speaker II

09:40-10:20 **Prof. Pedro Furtado, University of Coimbra, Portugal**

Speech Title: On BigData, Object Recognition and Medical Imaging

10:20-10:40 **Coffee Break**

Speaker III

10:40-11:20 **Prof. Kin Hong Wong, The Chinese University of Hong Kong, Hong Kong**

Speech Title: Applying Computer Vision in Wearable Computer and Virtual Reality Systems

Speaker IV

11:20-12:00 **Prof. Aythami Morales, Universidad Autonoma de Madrid, Spain**

Speech Title: Behavioral Biometrics based on Human-Device Interaction

12:00-13:30 **Lunch at restaurant- 2F**

Parallel Sessions**Session 5: Pattern Recognition and Target Detection**

13:30—16:45 **(Meeting room 1012-1F)**

MT1003, WR014, WR038, WR3003, WR049, WR015, WR023, WR025, WR026, WR053, WR3004, WR072, MT002

Session 6: Image Analysis and Methods

13:30—16:30 **(Meeting room 1013-1F)**

WR039, WR047, WR020, WR077, WR3005, WR3002, WR019, WR022, WR059, WR060, WR076, WR027

09:00—16:45 **Poster Session**

Youth Forum

Venue: Meeting room 1018-1F

12:00-13:50 **Sign-in**

13:50-14:00 **Opening Ceremony**

14:00-14:35 **Speaker I**
Prof. Bing Han, Xidian University, China

14:35-15:10 **Speaker II**
Prof. Mingming Chen, Nankai University, China

15:10-15:30 *Coffee break*

15:30-16:05 **Speaker III**
Prof. Chaoran Cui, Shandong University of Finance and Economics, China

16:05-16:40 **Speaker IV**
Prof. Lin Wang, University of Jinan, China

16:40-17:40 **Panel session**